

FEATURES
source
1. 19
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 12; DB 6; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.9e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 14 GGAAGTAAAAA 3

RESULT 2
LOCUS ARI47023/c 28 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 84 from patent US 6221361.
ACCESSION ARI47023
VERSION ARI47023.1 GI:15110826
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 Cochran, M.D. and Junker, D.E.
AUTHORS Cochran, M.D. and Junker, D.E.
TITLE Recombinant virus expressing foreign DNA encoding feline CD80,
JOURNAL Patent: US 6221361-A 84 24-APR-2001;
FEATURES source
1 Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 12; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

RESULT 3
LOCUS BD273541/c 28 bp DNA linear PAT 17-JUL-2003
DEFINITION Recombinant virus expressing foreign DNA encoding feline CD80,
feline CD86, feline CTLA-4 or feline interferon-gamma and uses
thereof.
ACCESSION BD273541
VERSION BD273541.1 GI:33083309
KEYWORDS JP 2002513581-A/75.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 Winslow, B.J. and Cochran, M.D.
AUTHORS Winslow, B.J. and Cochran, M.D.
TITLE Recombinant virus expressing foreign DNA encoding feline CD80,
feline CD86, feline CTLA-4 or feline interferon-gamma and uses
JOURNAL Patent: JP 2002513581-A 75 14-MAY-2002;
COMMENT SCHERING-PLOUGH LTD
OS Unidentified
PN JP 2002513581-A/75
PD 14-MAY-2002
PF 10-APR-1999 JP 2000547248
PI 01-MAY-1998 US 09/071711
PT BARBARA J WINSLOW, MARK D COCHRAN
PC C12N15/09 A61K39/12 A61K39/125 A61K39/15 A61K39/215 A61K39/23,
PC A61K39/245
PC A61K48/00 A61P43/00 C12N7/00//C07K14/705, C12N15/00 CC PIV
FPR downstream primer
FH key Location/Qualifiers

Query Match 100.0%; Score 12; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

RESULT 5
LOCUS AX093873 58 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2 from Patent WO0118039.
ACCESSION AX093873
VERSION AX093873.1 GI:13510091
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
AUTHORS Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
TITLE Increased production of interferon- γ (a)
JOURNAL Patent: WO 0118039-A 2 15-MAR-2001;
COMMENT GLAXO GROUP LIMITED (GB)
OS Unidentified
PN 1-58
PD 14-MAY-2002
PF 10-APR-1999 JP 2000547248
PI 01-MAY-1998 US 09/071711
PT BARBARA J WINSLOW, MARK D COCHRAN
PC C12N15/09 A61K39/12 A61K39/125 A61K39/15 A61K39/215 A61K39/23,
PC A61K39/245
PC A61K48/00 A61P43/00 C12N7/00//C07K14/705, C12N15/00 CC PIV
FPR downstream primer
FH key Location/Qualifiers

Query Match 100.0%; Score 12; DB 6; Length 58;
Best Local Similarity 100.0%; Pred. No. 5e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

FEATURES
source
1. 28
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

ORIGIN

Query Match 100.0%; Score 12; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

RESULT 4
LOCUS AR267926/c 28 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 265 from patent US 6497882.
ACCESSION AR267926
VERSION AR267926.1 GI:29698051
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 28)
AUTHORS Cochran, M.D. and Junker, D.E.
TITLE Recombinant swinepox virus
JOURNAL Patent: US 6497882-A 265 24-DEC-2002;
FEATURES source
1 Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN

Query Match 100.0%; Score 12; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

RESULT 5
LOCUS AX093873 58 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2 from Patent WO0118039.
ACCESSION AX093873
VERSION AX093873.1 GI:13510091
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
AUTHORS Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
TITLE Increased production of interferon- γ (a)
JOURNAL Patent: WO 0118039-A 2 15-MAR-2001;
COMMENT GLAXO GROUP LIMITED (GB)
OS Unidentified
PN 1-58
PD 14-MAY-2002
PF 10-APR-1999 JP 2000547248
PI 01-MAY-1998 US 09/071711
PT BARBARA J WINSLOW, MARK D COCHRAN
PC C12N15/09 A61K39/12 A61K39/125 A61K39/15 A61K39/215 A61K39/23,
PC A61K39/245
PC A61K48/00 A61P43/00 C12N7/00//C07K14/705, C12N15/00 CC PIV
FPR downstream primer
FH key Location/Qualifiers

Query Match 100.0%; Score 12; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

RESULT 5
LOCUS AX093873 58 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2 from Patent WO0118039.
ACCESSION AX093873
VERSION AX093873.1 GI:13510091
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1 Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
AUTHORS Pitha-Rova, P.M., Yeow, W.S. and Au, W.C.
TITLE Increased production of interferon- γ (a)
JOURNAL Patent: WO 0118039-A 2 15-MAR-2001;
COMMENT GLAXO GROUP LIMITED (GB)
OS Unidentified
PN 1-58
PD 14-MAY-2002
PF 10-APR-1999 JP 2000547248
PI 01-MAY-1998 US 09/071711
PT BARBARA J WINSLOW, MARK D COCHRAN
PC C12N15/09 A61K39/12 A61K39/125 A61K39/15 A61K39/215 A61K39/23,
PC A61K39/245
PC A61K48/00 A61P43/00 C12N7/00//C07K14/705, C12N15/00 CC PIV
FPR downstream primer
FH key Location/Qualifiers

Query Match 100.0%; Score 12; DB 6; Length 58;
Best Local Similarity 100.0%; Pred. No. 5e+04;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 GGAAGTAAAAA 12
Db 27 GGAAGTAAAAA 16

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 25, 2004, 08:39:03 ; Search time 6718.14 Seconds
(without alignments)
6361.316 Million cell updates/sec

Title: US-09-963-285-1_COPY_1250_2235
Perfect score: 986
Sequence: 1 ctcgcattccaatccagcgc.....gagccgtctcgaagcagca 985

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 3470272 seqs, 21671516995 residues

Total number of hits satisfying chosen parameters: 6940544

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

GenEmbl.*

1: gb_ba.*

2: gb_hg.*

3: gb_in.*

4: gb_sm.*

5: gb_ov.*

6: gb_pat.*

7: gb_ph.*

8: gb_pi.*

9: gb_pr.*

10: gb_ro.*

11: gb_sts.*

12: gb_sy.*

13: gb_un.*

14: gb_vi.*

15: em_ba.*

16: em_fun.*

17: em_hum.*

18: em_in.*

19: em_mu.*

20: em_ov.*

21: em_or.*

22: em_ph.*

23: em_pi.*

24: em_ro.*

25: em_sts.*

26: em_sy.*

27: em_un.*

28: em_vi.*

29: em_hg.*

30: em_hg_inv.*

31: em_hg_inv.*

32: em_hg_inv.*

33: em_hg_inv.*

34: em_hg_inv.*

35: em_hg_inv.*

36: em_hg_inv.*

37: em_hg_inv.*

38: em_hg_inv.*

39: em_hg_inv.*

40: em_hg_inv.*

41: em_hg_inv.*

42: em_hg_inv.*

43: em_hg_inv.*

44: em_hg_inv.*

45: em_hg_inv.*

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	986	100.0	3289	9	HSMFH1	Y08223 H.sapiens M
2	954	96.8	16856	9	AC009108	AC009108 Homo sapi
3	298.6	30.3	178416	10	AC127554	Y08222 M.musculus
4	290	29.4	6021	10	MMMPHEAD1	Y08222 M.musculus
5	88.4	9.0	159005	2	BY546449	BY546449 Danio rer
6	83	8.4	17868	11	PM23112B	AL684471 Penicilli
7	80.6	8.1	172457	2	BY546428	BY546428 Danio rer
8	78.8	8.1	512509	2	AX655323	AX655323 Sequence
9	75.8	8.1	512509	2	AX655323	AX655323 Sequence
10	75.8	8.1	75144	2	AC027483	AC027483 Homo sapi
11	75.6	8.1	885	11	PM7786	AL684479 Penicilli
12	75.6	8.1	11305	8	OSA535061	AJ535061 Oryza sat
13	75.2	8.0	85434	2	AC066610	AC066610 Homo sapi
14	75	8.0	224777	2	AC138109	AC138109 Mus muscu
15	78.8	8.0	93821	2	AC021596	AC021596 Homo sapi
16	78.6	8.0	177948	2	AC146089	AC146089 Pan trogl
17	78	7.9	300695	2	AC079431	AC079431 Mus muscu
18	77.6	7.9	192042	2	AC063969	AC063969 Mus muscu
19	77.4	7.8	1279	11	PM2H12G	AL684480 Penicilli
20	77.4	7.8	181850	2	BX276102	BX276102 Danio rer
21	77.4	7.8	219952	2	AC084804	AC084804 Mus muscu
22	77	7.8	59570	2	AC110231	AC110231 Mus muscu
23	76.6	7.7	50931	2	AC105113	AC105113 Homo sapi
24	76.2	7.7	205691	2	AC087227	AC087227 Mus muscu
25	76.2	7.7	207420	2	AC078884	AC078884 Homo sapi
26	75.6	7.7	89570	2	AC067888	AC067888 Homo sapi
27	75.2	7.6	83767	2	AC021829	AC021829 Homo sapi
28	75.2	7.6	156657	2	BX463901	BY463901 Danio rer
29	75.2	7.6	216645	2	AC119156	AC119156 Mus muscu
30	75	7.6	135552	2	AC019251	AC019251 Homo sapi
31	75	7.6	150822	2	AC051613	AC051613 Mus muscu
32	75	7.6	216332	2	AC145342	AC145342 Pan trogl
33	74.8	7.6	78220	2	AC023212	AC023212 Homo sapi
34	74.8	7.6	138709	2	BX649540	BY649540 Danio rer
35	74.8	7.6	217412	2	AC024400	AC024400 Homo sapi
36	74.6	7.6	52884	2	AC058018	AC058018 Homo sapi
37	74.6	7.6	101083	2	AC139010	AC139010 Homo sapi
38	74.6	7.6	198344	2	AC097872	AC097872 Homo sapi
39	74.6	7.6	252689	2	AC079433	AC079433 Mus muscu
40	74.4	7.5	135119	2	AC011578	AC011578 Homo sapi
41	74.4	7.5	11143	11	PM12311G	AL684386 Penicilli
42	74.2	7.5	171574	2	AC012300	AC012300 Homo sapi
43	74	7.5	55353	2	AC031017	AC031017 Homo sapi
44	74	7.5	63082	2	AC022663	AC022663 Homo sapi
45	74	7.5	63082	2	AC022663	AC022663 Homo sapi

ALIGNMENTS

RESULT 1
HSMFH1
LOCUS H.sapiens MFH-1 Gene.
DEFINITION Y08223
ACCESSION Y08223
VERSION Y08223.1 GI:1869804
KEYWORDS mesenchyme fork head-1 protein; MFH-1 gene.
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mesenchyme fork head-1 protein; MFH-1 gene.
head-1 genes reveals conservation of their gene and protein

STRUCTURES
Genomic 41 (3), 459-492 (1997)
7312712
516153
REFERENCE 2 (bases 1 to 3289)
Mura, N.
Direct Submission
Submitted (18-SEP-1996) N. Mura, Akita University School of
Medicine, Department of Biochemistry, 1-1-1 Hondo, Akita 010, JAPAN
LOCATION/Qualifiers
1. 3289
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
1197..2702
/gene="MFH-1"
1197..2702
/gene="MFH-1"
/codon_start=1
/product="Mesenchyme Fork Head-1"
/protein_id="CA69400.1"
/db_xref="GI:1869805"
/db_xref="COI:Q89858"
/db_xref="SWISS-PROT:Q99858"
/translations="MWRKYSVDPNALGVTPYLSEONYPAAGSYGMAFPVYGVSH
PEQASGMGRSTAPVTHQPAAPDLVLPFPYSIALIIMAIQNPAPKLLINGIYQFI
MDRFFREKNGQNSIRHNLNLNECVKVPDRDKKPGKSTWLPDPSIMFNGS
FLRRRFRKXKQVSKERAKHLKPPPAASKGAPATPLADAPKAEKKXVKEEAA
SPALFVITKVELSPSALOGSPRASTPAGSPDGLPEHAAANGLPFGEVSNIM
TLRTSPFGGLSPGAGLGVVPPPLAIPYAAPPAAYQPCAGLGAAGAGGYQSMR
AMSLYTCGERAFMCMVFPALDLDSDHSPGPTSLNALNLAQGBALAACTHHOHH
GHHPOAPPFPAPQPTPQFCAAAQAASWYLNHSGDLNHLPGHTFAAQOQTFPVY
REMFNSRLGIENSTLIGESQVSGNASCOLPYRSTPLRYRHAAPYSYDCTKY"

ORIGIN
Query Match 100.0%; Score 986; DB 9; Length 3289;
Best Local Similarity 100.0%; Pred. No. 4.5e-169;
Matches 985; Conservative 0; Mismatches 0; Indels 0; Caps 0;

QY 1 CTGCCATTCATCAGCGGGTTGGTTTGAATCATATACCTGGGCCCCCATATTA 60
DB 212 CTGCCATTCATCAGCGGGTTGGTTTGAATCATATACCTGGGCCCCCATATTA 271
QY 61 GGAATCTAATATTCGCTCATCATCATTAATAGAAATATCCAGATATGCT 120
DB 272 GGAATCTAATATTCGCTCATCATCATTAATAGAAATATCCAGATATGCT 331
QY 121 ACTTACAGGCTTTGGAGAGATATTTACTTATTAATCATCTATTATTTATTTCA 180
DB 332 ACTTACAGGCTTTGGAGAGATATTTACTTATTAATCATCTATTATTTATTTCA 391
QY 181 AATTGATTTTTTAAACAGAGAAAGTGGCTATCTTTTGGGCGATGTGGGCCCAT 240
DB 392 AATTGATTTTTTAAACAGAGAAAGTGGCTATCTTTTGGGCGATGTGGGCCCAT 451
QY 241 TCACCAAAATGTATCAATAAATAATTTAATAAGATATACTTTTAAAAAGTTTCA 300
DB 452 TCACCAAAATGTATCAATAAATAATTTAATAAGATATACTTTTAAAAAGTTTCA 511
QY 301 AGTGAAGAGGAGTCCGCGGAGCGCGGGGGGTCTTAGACCGACGATTTCT 360
DB 512 AGTGAAGAGGAGTCCGCGGAGCGCGGGGGGTCTTAGACCGACGATTTCT 571
QY 361 GGGCTCTTCGCGCGATTTGGCGCGGACTCTCTCAGTCGCGGATTTGGCTCAAGT 420
DB 572 GGGCTCTTCGCGCGATTTGGCGCGGACTCTCTCAGTCGCGGATTTGGCTCAAGT 631
QY 421 TCCGGAGAGGGCGGTGGCGCGAGAAAGTAAATTCGCTTTTACAGAAAGACTTTTGA 480
DB 632 TCCGGAGAGGGCGGTGGCGCGAGAAAGTAAATTCGCTTTTACAGAAAGACTTTTGA 691
481 AACTTTTCCCAATCCCTAAAAAGGAGTGGCTCTTTTCTGGGCTCAGCGGGGCGCG 540

DB 592 AACTTTTCCCAATCCCTAAAAAGGAGTGGCTCTTTTCTGGGCTCAGCGGGGCGCG 751
QY 541 CTGGACCCCGCGGGGTGACCCCTCGGGGTGCGGATTTGGCTGGGGGCTTGAGAGCCCTC 600
DB 752 CTGGACCCCGCGGGGTGACCCCTCGGGGTGCGGATTTGGCTGGGGGCTTGAGAGCCCTC 811
QY 601 CTGGCCCTCTCTCTCGCGCGGCGGAGGTCACCTTGGTGCCTCCAGCGGGGCTTCGG 660
DB 812 CTGGCCCTCTCTCTCGCGCGGCGGAGGTCACCTTGGTGCCTCCAGCGGGGCTTCGG 871
QY 661 CTGGTCTCGCGGCGCGCTCGCTGCGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGG 720
DB 872 CTGGTCTCGCGGCGCGCTCGCTGCGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGG 931
QY 721 AGCGGGCGCGGCGCTGCTGCTGCGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGG 780
DB 932 AGCGGGCGCGGCGCTGCTGCTGCGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGG 991
QY 781 CGCTGAAAGCGCGCGCTGCTGCTGCGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGG 840
DB 992 CGCTGAAAGCGCGCGCTGCTGCTGCGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGG 1051
QY 841 AGCTGTGCGAGGAGCGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGGAGGAGG 900
DB 1052 AGCTGTGCGAGGAGCGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGGAGGAGG 1111
QY 901 CGGCTCTCTCTCTCTGAGGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGGAGG 960
DB 1112 CGGCTCTCTCTCTCTGAGGCGGCGGCGGCGGCGGCTCTCTGAGCAGGAGGAGGAGG 1171
QY 961 CGCGGCGAGCGGCTCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 986
DB 1172 CGCGGCGAGCGGCTCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1197

RESULT 2
AC009108/10
LOCUS Homo sapiens chromosome 16 clone RP11-45109, complete sequence.
DEFINITION AC009108
ACCESSION AC009108
VERSION AC009108.10 GI:24418066
KEYWORDS HTG.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1. (bases 1 to 168656)
Alamos National Laboratory, Stanford Human Genome Center and Los
Alamos National Laboratory.
AUTHORS Direct Submission
TITLE Unpublished
2. (bases 1 to 168656)
DOE Joint Genome Institute.
REFERENCE Direct Submission
AUTHORS Submitted (03-AUG-1999) Production Sequencing Facility, DOE Joint
Genome Institute, 2800 Mitchell Drive, Walnut Creek, CA 94598, USA.
3. (bases 1 to 168656)
DOE Joint Genome Institute, Stanford Human Genome Center and Los
Alamos National Laboratory.
TITLE Direct Submission
JOURNAL Submitted (29-OCT-2002) DOE Joint Genome Institute, 2800 Mitchell
Drive, Walnut Creek, CA 94598, USA
COMMENT On Oct 29, 2002 this sequence version replaced gi:13786306.
Draft Sequence Produced by DOE Joint Genome Institute
www.jgi.doe.gov
Finishing Completed at Stanford Human Genome Center and Los Alamos
National Laboratory
www.sngc.stanford.edu
Quality: Phrap Quality >=40 99.9% of Sequence;
Estimated Total Number of Errors is 0.2.
Location/Qualifiers
1. 168656
/organism="Homo sapiens"

Query Match 100.0%; Score 12; DB 3; Length 361;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGAAGTAAAAA 12
DB 112 GGAAGTAAAAA 101

RESULT 6
US-09-134-000C-1782/c
; Sequence 1782, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US/09/134,000C
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1782
; LENGTH: 381
; TYPE: DNA
; ORGANISM: Enterococcus faecalis
US-09-134-000C-1782

Query Match 100.0%; Score 12; DB 4; Length 381;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGAAGTAAAAA 12
DB 67 GGAAGTAAAAA 56

RESULT 7
US-09-621-976-9538
; Sequence 9538, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054P2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 9538
; LENGTH: 535
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-9538

Query Match 100.0%; Score 12; DB 4; Length 535;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGAAGTAAAAA 12
DB 513 GGAAGTAAAAA 524

RESULT 8
US-09-918-686-7
; Sequence 7, Application US/09918686
; Patent No. 6475739

GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prolli, Sean
; APPLICANT: Paspar, Bryan
; APPLICANT: Sealing-Hendon, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083-515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 602
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-686-7

Query Match 100.0%; Score 12; DB 4; Length 602;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGAAGTAAAAA 12
DB 118 GGAAGTAAAAA 129

RESULT 9
US-09-328-352-713
; Sequence 713, Application US/09328352
; Patent No. 6569556
; GENERAL INFORMATION:
; APPLICANT: S. L. Bretz et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 713
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
US-09-328-352-713

Query Match 100.0%; Score 12; DB 4; Length 678;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGAAGTAAAAA 12
DB 321 GGAAGTAAAAA 332

RESULT 10
US-09-671-317-429
; Sequence 429, Application US/09671317
; Patent No. 6528260
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bouguetelret, Lydie
; APPLICANT: Cohen, Amick
; TITLE OF INVENTION: BIALLIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
; FILE REFERENCE: 62.053.CIP
; CURRENT APPLICATION NUMBER: US/09/671,317
; CURRENT FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/09/536,178
; PRIOR FILING DATE: 2000-03-23
; PRIOR APPLICATION NUMBER: PCT/IB00/00403
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: US 60/126,269
; PRIOR FILING DATE: 1999-03-25

RESULT 11
US-08-512-681-19/c
Sequence 19, Application US/08512681
Patent No. 5785976
GENERAL INFORMATION:
APPLICANT: Oefner, Peter J.
TITLE OF INVENTION: Detection of DNA Heteroduplex Molecules
TITLE OF INVENTION: By Denaturing High Performance Liquid Chromatography and
TITLE OF INVENTION: Methods for Comparative Sequencing
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave., Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/512,681
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Susan T.
REGISTRATION NUMBER: 38,443
REFERENCE/DOCKET NUMBER: 8600-0155
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DYS234 REVERSE PRIMER
US-08-512-681-19
Query Match 100.0%; Score 9; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ACAAATGTT 9
DB 14 ACAAATGTT 6
RESULT 12
US-08-822-028-35
Sequence 15, Application US/08822028
Patent No. 5993813
GENERAL INFORMATION:
APPLICANT: MEZES, PETER S.
APPLICANT: COHEN, BRIAN B.
APPLICANT: RIXON, MARK W.
APPLICANT: ANDERSON, WH KERR
APPLICANT: KAPLAN, DONALD A.
APPLICANT: SCHOLM, JEFFREY
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: DUANE C ULMER
STREET: P.O. BOX 1987
CITY: MIDLAND
STATE: MICHIGAN
COUNTRY: USA

ZIP: 48641-1967
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,028
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/040,687
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: ULMER, DUANE C
REGISTRATION NUMBER: 34,941
REFERENCE/DOCKET NUMBER: C-37,075C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (517) 636-8104
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-822-028-35
Query Match 100.0%; Score 9; DB 2; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ACAAATGTT 9
DB 12 ACAAATGTT 20
RESULT 13
US-08-743-637B-240/c
Sequence 240, Application US/08743637B
Patent No. 5994066
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: PICARD, Francois J.
APPLICANT: OUELLETTE, Marc
APPLICANT: BOY, Paul H.
TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA
TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
NUMBER OF SEQUENCES: 273
CORRESPONDENCE ADDRESS:
ADDRESSEE: QUARLES & BRADY
STREET: 411 EAST WISCONSIN AVENUE
CITY: MILWAUKEE
STATE: WISCONSIN
COUNTRY: USA
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/743,637B
FILING DATE: 04 NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/526,840
FILING DATE: 11-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 25, 2004, 10:03:04 ; Search time 14.7262 Seconds

(without alignments)

4297.861 Million cell updates/sec

Title: US-09-963-285-1_COPY_359_375

Perfect score: 17

Sequence: 1 tctggaagaataaata 17

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2458946 seqs, 1861504846 residues

Total number of hits satisfying chosen parameters: 4917892

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Published Applications NA:*
- 1: /cgn2_6/prodata/1/pubna/US07_PUBCOMB.seq:*
 - 2: /cgn2_6/prodata/1/pubna/PCT_NEW_PUB.seq:*
 - 3: /cgn2_6/prodata/1/pubna/US06_NEW_PUB.seq:*
 - 4: /cgn2_6/prodata/1/pubna/US06_PUBCOMB.seq:*
 - 5: /cgn2_6/prodata/1/pubna/US07_NEW_PUB.seq:*
 - 6: /cgn2_6/prodata/1/pubna/US07_PUBCOMB.seq:*
 - 7: /cgn2_6/prodata/1/pubna/PCTUS_PUBCOMB.seq:*
 - 8: /cgn2_6/prodata/1/pubna/US08_NEW_PUB.seq:*
 - 9: /cgn2_6/prodata/1/pubna/US08_PUBCOMB.seq:*
 - 10: /cgn2_6/prodata/1/pubna/US09_PUBCOMB.seq:*
 - 11: /cgn2_6/prodata/1/pubna/US09C_PUBCOMB.seq:*
 - 12: /cgn2_6/prodata/1/pubna/US09_NEW_PUB.seq:*
 - 13: /cgn2_6/prodata/1/pubna/US10_PUBCOMB.seq:*
 - 14: /cgn2_6/prodata/1/pubna/US10C_PUBCOMB.seq:*
 - 15: /cgn2_6/prodata/1/pubna/US10_NEW_PUB.seq:*
 - 16: /cgn2_6/prodata/1/pubna/US10C_PUBCOMB.seq:*
 - 17: /cgn2_6/prodata/1/pubna/US60_NEW_PUB.seq:*
 - 18: /cgn2_6/prodata/1/pubna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	17	100.0	962	15	US-10-027-632-9718
2	17	100.0	6458	9	US-09-963-285-1
3	16	94.1	493	12	US-10-424-599-107702
4	16	94.1	2523	12	US-10-424-599-82796
5	16	94.1	21619	10	US-08-764-892-10003
6	16	94.1	21619	14	US-10-205-428-977
7	15.4	90.6	50	15	US-10-131-827-1138
8	15.4	90.6	359	12	US-10-424-599-64036
9	15.4	90.6	386	10	US-08-814-353-17187
10	15.4	90.6	493	12	US-10-424-599-22032
11	15.4	90.6	589	15	US-10-037-632-242033
12	15.4	90.6	506	15	US-10-037-632-242034
13	15.4	90.6	506	12	US-10-424-599-141232
14	15.4	90.6	616	12	US-10-424-599-63676
15	15.4	90.6	676	15	US-10-027-632-148185

c	16	15.4	90.6	820	12	US-10-424-599-37752	Sequence 37752, A
c	17	15.4	90.6	831	12	US-10-424-599-43641	Sequence 43641, A
	18	15.4	90.6	1228	15	US-10-027-632-256262	Sequence 256262, A
	19	15.4	90.6	1228	15	US-10-027-632-256263	Sequence 256263, A
	20	15.4	90.6	1228	15	US-10-027-632-256264	Sequence 256264, A
	21	15.4	90.6	1555	14	US-10-106-698-95	Sequence 95, Appl
	22	15.4	90.6	1780	15	US-10-087-080-24	Sequence 24, Appl
	23	15.4	90.6	2336	12	US-10-429-345-12	Sequence 12, Appl
	24	15.4	90.6	2336	12	US-10-274-177-12	Sequence 12, Appl
	25	15.4	90.6	2336	15	US-10-342-434-17	Sequence 17, Appl
	26	15.4	90.6	2336	15	US-10-087-080-27	Sequence 27, Appl
	27	15.4	90.6	5219	15	US-10-062-674-2121	Sequence 2121, Ap
	28	15.4	90.6	6021	9	US-09-963-285-5	Sequence 5, Appl
	29	15.4	90.6	6052	12	US-10-221-613-351	Sequence 351, App
	30	15.4	90.6	7133	14	US-10-198-846-13766	Sequence 13766, A
	31	15.4	90.6	8197	14	US-10-240-485-68	Sequence 68, Appl
	32	15.4	90.6	16281	9	US-09-764-647-1367	Sequence 1367, Ap
	33	15.4	90.6	16281	14	US-10-092-154-1367	Sequence 1367, Ap
	34	15.4	90.6	16285	9	US-09-764-847-1369	Sequence 1369, Ap
	35	15.4	90.6	16285	9	US-09-764-847-1369	Sequence 1369, Ap
	36	15.4	90.6	16285	14	US-10-092-154-1368	Sequence 1368, Ap
	37	15.4	90.6	16285	14	US-10-092-154-1369	Sequence 1369, Ap
	38	15.4	90.6	17294	14	US-10-311-453-959	Sequence 959, App
	39	15.4	90.6	52216	9	US-09-747-810-1	Sequence 1, Appl
	40	15.4	90.6	180357	13	US-10-003-806-6	Sequence 6, Appl
	41	15.4	90.6	180357	13	US-10-003-806-9	Sequence 9, Appl
	42	15.4	90.6	196510	14	US-10-043-715-1	Sequence 1, Appl
c	43	15	88.2	276	12	US-10-424-599-8323	Sequence 8323, Ap
	44	15	88.2	357	14	US-10-073-644C-1	Sequence 1, Appl
	45	15	88.2	581	15	US-10-027-632-234237	Sequence 234237, A

ALIGNMENTS

RESULT 1
US-10-027-632-9718
Sequence 9718, Publication US10027632
Publication No. US20030204075A9
GENERAL INSTRUCTIONS:
APPLICANT: Wang, David G
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
Polymorphisms in the Human Genome
FILE REFERENCE: 108927.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9718
LENGTH: 962
TYPE: DNA
ORGANISM: Human
US-10-027-632-9718

Query Match 100.0%; Score 17; DB 15; Length 962;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGTGGAAGGAATAAATA 17

Db 727 GTGGAGGGAATAATA 743

RESULT 2

US-09-963-285-1
; Sequence 1, Application US/09963285
; Patent No. US2002090707A1
; GENERAL INFORMATION:
; APPLICANT: Enerbeck, Sven
; APPLICANT: Krock, Katarina
; APPLICANT: Rondahl, Lena
; APPLICANT: Wasserman, Wyeth
; TITLE OF INVENTION: PROMOTER SEQUENCES
; FILE REFERENCE: 13425-042001
; CURRENT APPLICATION NUMBER: US/09/963,285
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: SE 0004102-0
; PRIOR FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: US 60/238,897
; PRIOR FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: SE 0003435-5
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6456
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: CDS
; LOCATION: (2235)...(3737)
US-09-963-285-1

Query Match 100.0%; Score 17; DB 9; Length 6458;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGGAGGGAATAATA 17
DB 359 GTGGAGGGAATAATA 375

RESULT 3

US-10-424-599-107702
; Sequence 107702, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 107702
; LENGTH: 493
; TYPE: DNA
; ORGANISM: Glycine max
; NAME/KEY: unsure
; LOCATION: (1)...(493)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Cline ID: PAT MRT3847_66271C.1
US-10-424-599-107702

Query Match 94.1%; Score 16; DB 12; Length 493;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GTGGAGGGAATAATA 17
DB 233 GTGGAGGGAATAATA 246

RESULT 4

US-10-424-599-82796
; Sequence 82796, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 82796
; LENGTH: 2523
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Cline ID: PAT MRT3847_45782C.1
US-10-424-599-82796

Query Match 94.1%; Score 16; DB 12; Length 2523;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GTGGAGGGAATAATA 17
DB 602 GTGGAGGGAATAATA 617

RESULT 5

US-09-764-891-10003/c
; Sequence 10003, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10003
; LENGTH: 21619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10003

Query Match 94.1%; Score 16; DB 10; Length 21619;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGGAGGGAATAAT 16
DB 5310 GTGGAGGGAATAAT 5295

RESULT 6

US-10-205-428-977/c
; Sequence 977, Application US/10205428
; Publication No. US20030108907A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies